

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

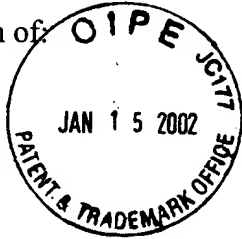
Alan J. LIPTON et al.

Appl. No: 09/987,707

Confirmation No: 7303

Filed: November 15, 2001

For: VIDEO SURVEILLANCE SYSTEM
EMPLOYING VIDEO PRIMITIVES



Art Unit: 2611

Examiner: Not yet assigned

Atty. Docket No: 37112-175340

Customer No:



26694

PATENT TRADEMARK OFFICE

Information Disclosure Statement

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(b).

In order to comply with applicant's duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents which are listed on the attached Form PTO/SB/08A and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

One copy of each of the documents A1-A12 listed on the attached Form PTO/SB/08A is submitted herewith.

In accordance with 37 C.F.R. § 1.98(d)(1) and (2), a copy of each of the documents A13-A24 listed on the attached Form PTO/SB/08A is not submitted herewith and were previously submitted in the parent application, U.S. Patent Application No. 09/694,712.

The present Information Disclosure Statement is being filed before the mailing date of

the first Office Action on the merits, and therefore no Statement Under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

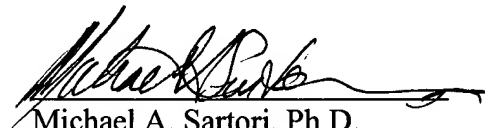
In view of the above, no further translation or statement of relevance is required, and as all requirements of 37 C.F.R. § 1.97 and all official guide lines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the documents and make them of record.

Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 22-0261.

Respectfully submitted,

Date:

January 15, 2002



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of 1995, no persons are
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

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|------------------------|------------------------|
| Application Number | 09/987,707 |
| Filing Date | November 15, 2001 |
| First Named Inventor | Alan J. LIPTON, et al. |
| Group Art Unit | 2611 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 37112-175340 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| | A1 | 5,956,081 | | KATZ, et al. | 09/21/99 | |
| | A2 | 3,812,287 | | LEMELSON | 05/21/74 | |
| | A3 | 6,226,388 | | QIAN , et al. | 05/01/01 | |
| | A4 | 6,177,886 | | BILLINGTON, et al. | 01/23/01 | |
| | A5 | 5,623,249 | | CAMIRE | 04/22/97 | |
| | A6 | 6,097,429 | | SEELEY, et al. | 08/01/00 | |
| | A7 | 6,091,771 | | SEELEY, et al. | 07/18/00 | |
| | A8 | 6,075,560 | | KATZ | 06/13/00 | |
| | A9 | 5,491,511 | | ODLE | 02/13/96 | |
| | A10 | 5,801,943 | | NASBURG | 09/01/98 | |
| | A11 | 5,696,503 | | NASBURG | 12/09/97 | |
| | A12 | 6,201,473 | | SCHAFER | 03/13/01 | |
| | A13 | 5,999,189 | | KAJIYA, et al. | 12/07/99 | |
| | A14 | 5,987,211 | | ABECASSIS | 11/16/99 | |
| | A15 | 5,886,701 | | CHAUVIN, et al. | 03/23/99 | |
| | A16 | 5,860,086 | | CRUMP, et al. | 01/12/99 | |
| | A17 | 5,610,653 | | ABECASSIS | 03/11/97 | |
| | A18 | 5,448,315 | | SOOHOO | 09/05/95 | |
| | A19 | 5,959,690 | | TOEBES, VIII, et al. | 09/28/99 | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

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| First Named Inventor | Alan J. LIPTON, et al. |
| Group Art Unit | 2611 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 37112-175340 |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | A20 | H. Fujiyoshi and A. J. Lipton, "Real-time Human Motion Analysis by Image Skeletonization," <u>Proceedings of IEEE WACV'98</u> , Princeton, NJ, 1998, pp.15-21. | |
| | A21 | A. J. Lipton, H. Fujiyoshi and R. S. Patil, "Moving Target Classification and Tracking from Real-time Video," <u>Proceedings of IEEE WACV'98</u> , Princeton, NJ, 1998, pp.8-14. | |
| | A22 | A. J. Lipton, "Local Application of Optic Flow to Analyse Rigid Versus Non-Rigid Motion," <u>International Conference on Computer Vision</u> , Corfu, Greece, September 1999. | |
| | A23 | R. T. Collins, Y. Tsin, J. R. Miller, and A. J. Lipton "Using a DEM to Determine Geospatial Object Trajectories," CMU-RI-TR-98-19, 1998. | |
| | A24 | A. Selinger and L. Wixson, "Classifying Moving Objects as Rigid or Non-Rigid Without Correspondences," <u>Proceedings of DARPA Image Understanding Workshop</u> , 1, November 1998, pp. 341-47. | |
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|-----------------------|--|--------------------|--|
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